## IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended) A camptothecin analog having the structure:

where

X and Y are each independently SH, S-C<sub>1-6</sub> alkyl, NH-C<sub>1-6</sub> alkyl, CHO, N<sub>3</sub>,

-Z- $(CH_2)_a$ -N- $((CH_2)_bOH)_2$ , wherein Z is selected from the group consisting of O, NH and S, and a and b are each independently an integer of 2 or 3,

-Z- $(CH_2)_a$ -N- $(C_{1-6}$  alkyl)<sub>2</sub> wherein Z is selected from the group consisting of O, NH and S, and a is an integer of 2 or 3, or

-CH<sub>2</sub>-L, where L is halogen (F, Cl, Br, I),  ${}^{+}N_{2}$ ,  ${}^{+}(OR^{1})_{2}$ ,  ${}^{+}S(R^{1})_{2}$ ,  ${}^{+}N(R^{1})_{3}$ , OC(O)R<sup>1</sup>, OSO<sub>2</sub>R<sup>1</sup>, OSO<sub>2</sub>CF<sub>3</sub>, OSO<sub>2</sub>C<sub>4</sub>F<sub>9</sub>, C<sub>1-6</sub> alkyl-C(=O)-, C<sub>4-18</sub> aryl-C(=O)-, C<sub>1-6</sub> alkyl-SO<sub>2</sub>-, perfluoro C<sub>1-6</sub> alkyl-SO<sub>2</sub>- or C<sub>4-18</sub> aryl-SO<sub>2</sub>-, (where each R<sup>1</sup> independently is C<sub>1-6</sub> alkyl, C<sub>4-18</sub> aryl or C<sub>4-18</sub> ArC<sub>1-6</sub> alkyl);

R7 is H; and

R<sup>13</sup> and R<sup>14</sup> are each H or combine to form a double bond;

and

n is an integer of 1 or 2,

and salts thereof.

Claim 2. (Cancelled)

Claim 3. (Original) The camptothecin analog of claim 1, wherein Y is -CH2-L.

Claim 4. (Original) The camptothecin analog of claim 1, wherein L is selected from the group consisting of Cl, Br and I.

Claim 5. (Cancelled)

- Claim 6. (Currently Amended) The camptothecin analog of claim 1, which is selected from the group consisting of R 20-R isomers, \$ 20-S isomers and mixtures thereof.
- Claim 7. (Currently Amended) The camptothecin analog of claim 6, wherein the analog is the \$20-S isomer.
- Claim 8. (Currently Amended) The camptothecin analog of claim 6, wherein the analog is the  $\frac{20-R}{100}$  isomer.
- Claim 9. (Currently Amended) The camptothecin analog of claim 6, wherein the analog is an  $\frac{20-S}{20-S}$  rich mixture of  $\frac{S}{20-S}$  and  $\frac{R}{20-R}$  isomers.
- Claim 10. (Currently Amended) The camptothecin analog of claim 6, wherein the analog is a  $\frac{R}{20-R}$  rich mixture of  $\frac{S}{20-S}$  and  $\frac{R}{20-R}$  isomers.
- Claim 11. (Currently Amended) The camptothecin analog of claim 6, wherein the analog is a racemic mixture of R = 20-R and S = 20-S isomers.
- Claim 12. (Currently Amended) A method of treating leukemia or solid tumors comprising administering to a patient in need thereof, a therapeutically effective amount of the camptothecin analog of claim 1.
- Claim 13. (Original) A pharmaceutical composition comprising the camptothecin analog of claim 1.

Claim 14. (Cancelled)

Claim 15. (Currently Amended) A method of preparing the camptothecin analog according to claim 1 comprising:

condensing a compound of formula IV or V

$$(CW_2)_n$$

$$X$$

$$Y$$

$$(IV)$$

$$\bigvee_{X}^{NH_{2}} O \qquad (V)$$

where X, Y, and W and n are as defined in claim 1, with a tricyclic ketone of formula III

where  $R^{13}$  and  $R^{14}$  are as defined in claim 1

to form the camptothecin analog of claim 1.

Claim 16. (Currently Amended) A camptothecin analog having the structure:

where

X is NO<sub>2</sub>, NH<sub>2</sub>, H, F, Cl, Br, I, COOH, OH, O-C<sub>1-6</sub> alkyl, SH, S-C<sub>1-6</sub> alkyl, CN, NH-C<sub>1-6</sub> alkyl, N(C<sub>1-6</sub> alkyl)<sub>2</sub>, CHO, C<sub>1-8</sub> alkyl, N<sub>3</sub>,

 $-Z-(CH_2)_a-N-((CH_2)_bOH)_2$ , wherein Z is selected from the group consisting of O, NH and S, and a and b are each independently an integer of 2 or 3,

-Z-(CH<sub>2</sub>)<sub>a</sub>-N-(C<sub>1-6</sub> alkyl)<sub>2</sub> wherein Z is selected from the group consisting of O, NH and S, and a is an integer of 2 or 3,

-CH<sub>2</sub>-L, where L is halogen (F, Cl, Br, I),  $^+N_2$ ,  $^+(OR^1)_2$ ,  $^+S(R^1)_2$ ,  $^+N(R^1)_3$ ,  $OC(O)R^1$ ,  $OSO_2R^1$ ,  $OSO_2CF_3$ ,  $OSO_2C_4F_9$ ,  $C_{1-6}$  alkyl-C(=O)-,  $C_{4-18}$  aryl-C(=O)-,  $C_{1-6}$  alkyl-SO<sub>2</sub>-, perfluoro  $C_{1-6}$  alkyl-SO<sub>2</sub>- or  $C_{4-18}$  aryl-SO<sub>2</sub>-, (where each  $R^1$  independently is  $C_{1-6}$  alkyl,  $C_{4-18}$  aryl or  $C_{4-18}$  ArC<sub>1-6</sub> alkyl); or

-CH<sub>2</sub>NR<sup>2</sup>R<sup>3</sup>, where (a) R<sup>2</sup> and R<sup>3</sup> are, independently, hydrogen,  $C_{1-6}$  alkyl,  $C_{3-7}$  cycloalkyl,  $C_{3-7}$  cycloalkyl,  $C_{3-7}$  cycloalkyl,  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl, hydroxy  $C_{1-6}$  alkyl,  $C_{3-7}$  cycloalkyl,  $C_{3-7}$  cycloalkyl- $C_{1-6}$  alkyl,  $C_{3-7}$  cycloalkyl- $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl, hydroxyl- $C_{1-6}$  alkyl,  $C_{1-6}$  alkoxy, or  $C_{1-6}$  alkoxy- $C_{1-6}$  alkyl;

Y is SH, S-C<sub>1-6</sub> alkyl, NH-C<sub>1-6</sub> alkyl, -CHO, N<sub>3</sub>,

-Z-(CH<sub>2</sub>)<sub>a</sub>-N-((CH<sub>2</sub>)<sub>b</sub>OH)<sub>2</sub>, wherein Z is selected from the group consisting of O, NH and S, and a and b are each independently an integer of 2 or 3,

-Z-(CH<sub>2</sub>)<sub>a</sub>-N-(C<sub>1-6</sub> alkyl)<sub>2</sub> wherein Z is selected from the group consisting of O, NH and S, and a is an integer of 2 or 3, or

-CH<sub>2</sub>-L, where L is halogen (F, Cl, Br, I),  ${}^+N_2$ ,  ${}^+(OR^1)_2$ ,  ${}^+S(R^1)_2$ ,  ${}^+N(R^1)_3$ ,  $OC(O)R^1$ ,  $OSO_2R^1$ ,  $OSO_2CF_3$ ,  $OSO_2C_4F_9$ ,  $C_{1-6}$  alkyl-C(=O)-,  $C_{4-18}$  aryl-C(=O)-,  $C_{1-6}$  alkyl- $SO_2$ -, perfluoro  $C_{1-6}$  alkyl- $SO_2$ - or  $C_{4-18}$  aryl- $SO_2$ -, (where each  $R^1$  independently is  $C_{1-6}$  alkyl,  $C_{4-18}$  aryl or  $C_{4-18}$  Ar $C_{1-6}$  alkyl);

R7 is H; and

R<sup>13</sup> and R<sup>14</sup> are each H or combine to form a double bond;

and

n-is-an integer of 1 or 2.

and salts thereof.

Claim 17. (Currently Amended) A method of treating leukemia or solid tumors comprising administering to a patient in need thereof, a therapeutically effective amount of the camptothecin analog of claim 16.

Claim 18. (Previously Presented) A pharmaceutical composition comprising the camptothecin analog of claim 16.

Claim 19. (Cancelled)

Claim 20. (Currently Amended) A method of preparing the camptothecin analog according to claim 16 comprising:

condensing a compound of formula IV or V

$$X \longrightarrow Y O$$
  $(V)$ 

where X, Y, and W and n are as defined in claim 16, with a tricyclic ketone of formula III

where R<sup>13</sup> and R<sup>14</sup> are as defined in claim 16 to form the camptothecin analog of claim 16.